

WHAT IS CLAIMED IS:

1. A lifting mechanism to raise and lower a truck cap relative to a truck box, said mechanism comprising a pair of lifting devices, said devices comprising:
 - a) a support member for engagement with said truck cap;
 - b) a base attached to said truck box;
 - c) at least one first and at least one second guide attached to said base;
 - d) each of said at least first and at least second guides having at least one block slidably engaged therewith;
 - e) each of said blocks being connected to a link extending to the support member; and
 - f) means for moving said blocks along said guides, the blocks on said at least one second guide being adapted to move in an opposite direction to said blocks on said at least one first guide;whereby movement of the blocks result in scissor-like movement of the links.
2. A lifting mechanism according to claim 1, wherein said at least first and at least second guides are threaded rods.
3. A lifting mechanism according to claim 2, wherein at least one of said threaded rods is connected to an electric motor.
4. A lifting mechanism according to claim 2, wherein a partial length of at least one of said threaded rods is enclosed by a biasing member.
5. A lifting mechanism according to claim 4, wherein said biasing member is a spring.
6. A lifting mechanism according to claim 1, wherein said at least first and at least second guides are hydraulic cylinders.

7. A lifting mechanism according to claim 1, wherein said at least first and at least second guides are the upper and lower runs of a belt which is entrained about a pair of wheels in an endless loop.
8. A lifting mechanism according to claim 7, wherein at least one of said wheels is being operated by an electric motor.
9. A lifting mechanism according to claims 1, wherein said base further comprises at least one recess for supporting at least one of said blocks.
10. A lifting mechanism according to claim 1, wherein said base is secured directly to the sides of said truck box.
11. A lifting mechanism according to claim 1, wherein said base is secured directly to the floor of said truck box.
12. A lifting mechanism according to claim 1, wherein said base is secured to at least one posthole mounting bracket.
13. A lifting mechanism according to claim 1, further comprising a switching circuit for controlling the motion of said lifting mechanism.
14. A lifting mechanism according to claim 1, further comprising a lock to stop unauthorized use of said lifting mechanism.
15. A lifting mechanism according to claim 1, further comprising a safety switch for stopping the motion of said lifting mechanism when it reaches a fully raised position.
16. A lifting mechanism according to claim 1, further comprising a safety switch for stopping the motion of said lifting mechanism when it reaches a fully lowered position.
17. A lifting mechanism to raise and lower a truck cap relative to a truck box, said mechanism comprising a pair of lifting devices, said devices comprising:
 - a) a support member for engagement with said truck cap;

- b) a base attached to said truck box;
- c) a first and a second threaded rods attached to said base;
- d) said first and said second threaded rods having at a pair of threaded blocks slidably engaged therewith;
- e) each of said blocks being connected to a link extending to the support member; and
- f) means for moving said threaded blocks along said guides, the threaded blocks on said second threaded rod being adapted to move in an opposite direction to said threaded blocks on said first threaded rod;

whereby movement of the threaded blocks result in scissor-like movement of the links.

- 18. A lifting mechanism according to claim 17, wherein at least one of said threaded rods is connected to an electric motor.
- 19. A lifting mechanism according to claim 17, wherein a partial length of at least one of said threaded rods is enclosed by a biasing member.
- 20. A lifting mechanism according to claim 19, wherein said biasing member is a spring.
- 21. A lifting mechanism according to claims 17, wherein said base further comprises at least one recess for supporting at least one of said threaded blocks.
- 22. A lifting mechanism according to claim 17, wherein said base is secured directly to the sides of said truck box.
- 23. A lifting mechanism according to claim 17, wherein said base is secured directly to the floor of said truck box.
- 24. A lifting mechanism according to claim 17, wherein said base is secured to at least one posthole mounting bracket.

- 25. A lifting mechanism according to claim 17, further comprising a switching circuit for controlling the motion of said lifting mechanism.
- 26. A lifting mechanism according to claim 17, further comprising a lock to stop unauthorized use of said lifting mechanism.
- 27. A lifting mechanism according to claim 17, further comprising a safety switch for stopping the motion of said lifting mechanism when it reaches a fully raised position.
- 28. A lifting mechanism according to claim 17, further comprising a safety switch for stopping the motion of said lifting mechanism when it reaches a fully lowered position.